

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IL2004/000692

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, EMBASE, BIOSIS, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	US 6 326 144 B1 (MIKULEC FREDERICK V ET AL) 4 December 2001 (2001-12-04) column 14, paragraphs 2,3 figure 3	1-3,5, 7-10,32 4,6, 11-20, 22,31, 33-36
X	WILLARD D M ET AL: "CDSE-ZNS QUANTUM DOTS AS RESONANCE ENERGY TRANSFER DONORS IN A MODEL PROTEIN-PROTEIN BINDING ASSAY" NANO LETTERS, AMERICAN CHEMICAL SOCIETY, WASHINGTON, DC, US, vol. 1, no. 9, 2001, pages 469-474, XP002908558 ISSN: 1530-6984	21, 23-28,32
Y	the whole document	22,29-31

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

3 December 2004

Date of mailing of the international search report

15/12/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Bellmann, A

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IL2004/000692

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 945 283 A (CHEN XIANGNING ET AL) 31 August 1999 (1999-08-31) figure 1 column 5 -----	11-14
Y	DE 101 17 866 A (NANOTYPE GMBH) 17 October 2002 (2002-10-17) paragraphs '0005!, '0008!, '0092! claims 1,31,33,76 -----	4,6, 11-20, 29-31, 33-36
Y	US 5 856 096 A (FLETCHER TERACE M ET AL) 5 January 1999 (1999-01-05) column 2 - column 3 figure 5 -----	15,18
Y	UEHARA H ET AL: "Detection of telomerase activity utilizing energy transfer primers: comparison with gel- and ELISA-based detection" BIOTECHNIQUES, EATON PUBLISHING, NATICK, US, vol. 26, no. 3, 1999, pages 552-558, XP002276810 ISSN: 0736-6205 page 553 figure 1 -----	15,19,20
P,X	PATOLSKY FERNANDO ET AL: "Lighting-up the dynamics of telomerization and DNA replication by CdSe-ZnS quantum dots." JOURNAL OF THE AMERICAN CHEMICAL SOCIETY. 19 NOV 2003, vol. 125, no. 46, 19 November 2003 (2003-11-19), pages 13918-13919, XP002308092 ISSN: 0002-7863 the whole document -----	1-36

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IL2004/000692

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6326144	B1	04-12-2001	AT 234468 T 15-03-2003
			AT 273515 T 15-08-2004
			AU 6392399 A 10-04-2000
			CA 2344478 A1 30-03-2000
			DE 69905832 D1 17-04-2003
			DE 69905832 T2 05-02-2004
			DE 69919368 D1 16-09-2004
			EP 1271154 A2 02-01-2003
			EP 0990903 A1 05-04-2000
			EP 1116036 A1 18-07-2001
			EP 1113986 A2 11-07-2001
			GB 2342651 A , B 19-04-2000
			JP 2003524147 T 12-08-2003
			JP 2002525394 T 13-08-2002
			JP 2003523718 T 12-08-2003
			WO 0017103 A2 30-03-2000
			WO 0017655 A1 30-03-2000
			WO 0017642 A2 30-03-2000
			US 6306610 B1 23-10-2001
			US 2001023078 A1 20-09-2001
			US 2004217298 A1 04-11-2004
			AU 1092300 A 10-04-2000
			CA 2344145 A1 30-03-2000
			US 2002160412 A1 31-10-2002
			US 6617583 B1 09-09-2003
			US 6602671 B1 05-08-2003
			US 2004038310 A1 26-02-2004
US 5945283	A	31-08-1999	US 6177249 B1 23-01-2001
			AU 710425 B2 23-09-1999
			AU 1821097 A 14-07-1997
			CA 2240667 A1 26-06-1997
			EP 0868534 A1 07-10-1998
			IL 124967 A 26-07-2000
			JP 3439221 B2 25-08-2003
			JP 2000517161 T 26-12-2000
			WO 9722719 A1 26-06-1997
DE 10117866	A	17-10-2002	DE 10117866 A1 17-10-2002
			AU 9374701 A 25-02-2002
			CA 2418861 A1 21-02-2002
			WO 0214862 A2 21-02-2002
			EP 1350107 A2 08-10-2003
			JP 2004525341 T 19-08-2004
			US 2004086883 A1 06-05-2004
US 5856096	A	05-01-1999	AU 7115496 A 09-04-1997
			WO 9711198 A1 27-03-1997

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL2004/000692

Box No. 1 Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, the international search was carried out on the basis of:

a. type of material

☒

a sequence listing

☐

table(s) related to the sequence listing

b. format of material

☒

in written format

☒

in computer readable form

c. time of filing/furnishing

☒

contained in the international application as filed

☒

filed together with the international application in computer readable form

☐

furnished subsequently to this Authority for the purpose of search

2.

☐

In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

3.

Additional comments: